LIMITED ONE YEAR WARRANTY

Chaney Instrument Company warrants that all products it manufactures to be of good material and workmanship and to be free of defects if properly installed and operated for a period of one year from date of purchase. REMEDY FOR BREACH OF THIS WARRANTY IS EXPRESSLY LIMITED TO REPAIR OR REPLACEMENT OF DEFECTIVE ITEMS. Any product which, under normal use and service, is proven to breach the warranty contained herein within ONE YEAR from date of sale will, upon examination by Chaney, and at its sole option, be repaired or replaced by Chaney. In all cases, transportation costs and charges for returned goods shall be paid for by the purchaser. Chaney hereby disclaims all responsibility for such transportation costs and charges. This warranty will not be breached, and Chaney will give no credit for products it manufactures which shall have received normal wear and tear, been damaged, tampered, abused, improperly installed, damaged in shipping, or repaired or altered by others than authorized representatives of Chaney.

THE ABOVE-DESCRIBED WARRANTY IS EXPRESSLY IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, AND ALL OTHER WARRANTIES ARE HEREBY EXPRESSLY DISCLAIMED, INCLUDING WITHOUT LIMITATION THE IMPLIED WARRANTY OF MERCHANTABILITY AND THE IMPLIED WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE. CHANEY EXPRESSLY DISCLAIMS ALL LIABILITY FOR SPECIAL, CONSEQUENTIAL OR INCIDENTAL DAMAGES, WHETHER ARISING IN TORT OR BY CONTRACT FROM ANY BREACH OF THIS WARRANTY. SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATION OR EXCLUSION MAY NOT APPLY TO YOU. CHANEY FURTHER DISCLAIMS ALL LIABILITY FROM PERSONAL INJURY RELATING TO ITS PRODUCTS TO THE EXTENT PERMITTED BY LAW. BY ACCEPTANCE OF ANY OF CHANEY'S EQUIPMENT OR PRODUCTS, THE PURCHASER ASSUMES ALL LIABILITY FOR THE CONSEQUENCES ARISING FROM THEIR USE OR MISUSE. NO PERSON, FIRM OR CORPORATION IS AUTHORIZED TO ASSUME FOR CHANEY ANY OTHER LIABILITY IN CONNECTION WITH THE SALE OF ITS PRODUCTS. FURTHERMORE, NO PERSON, FIRM OR CORPORATION IS AUTHORIZED TO MODIFY OR WAIVE THE TERMS OF THIS PARAGRAPH, AND THE PRECEDING PARAGRAPH, UNLESS DONE IN WRITING AND SIGNED BY A DULY AUTHORIZED AGENT OF CHANEY. THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS WHICH VARY FROM STATE TO STATE.

For in-warranty repair, please contact:
Customer Care Department
Chaney Instrument Company
965 Wells Street
Lake Geneva, WI 53147

Chaney Customer Care
877-221-1252
Mon-Fri 8:00 a.m. to 4:30 p.m. CST

www.chaneyinstrument.com

This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions:
1- This device may NOT cause harmful interference, and
2- This device must accept any interference received, including interference that may cause undesired operation.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, There is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

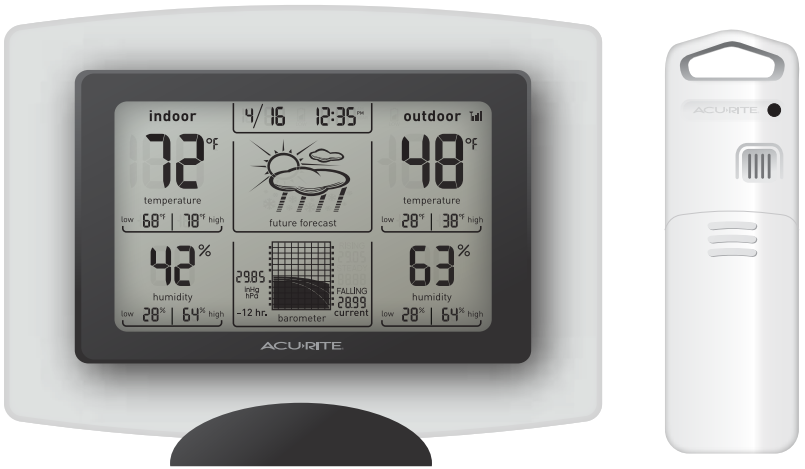
- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and the receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

NOTE: The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user authority to operate the equipment.

Patent numbers: 5,978,738; 6,076,044; 6,597,990; US 7,637,141 B2
ACURITE® is a registered trademark of the Chaney Instrument Co.
Lake Geneva, WI

01033W INST 092310

ACURITE®
DESIGNED TO WORK FOR YOU™



Weather Forecaster

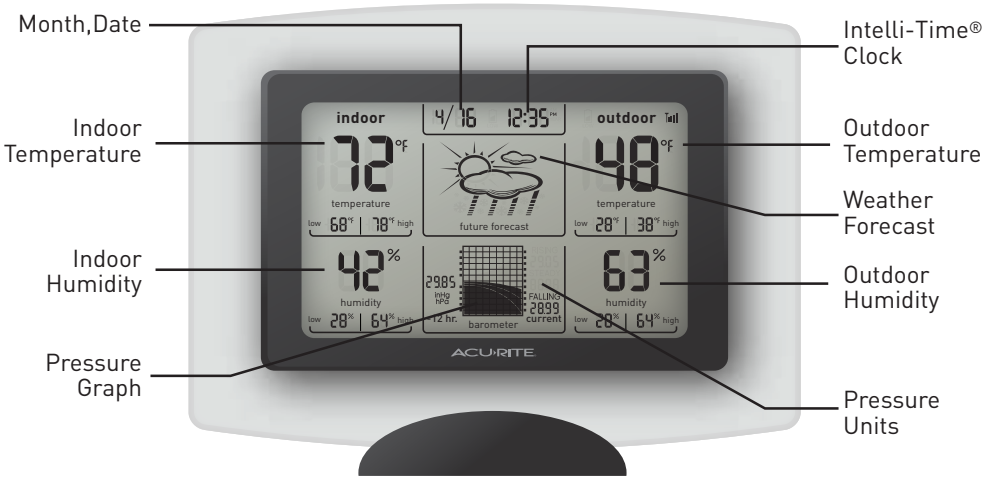
model #01033W

Instruction Manual

Introduction

Thank You for purchasing this Acurite® product. Please read through this manual in it's entirety to fully enjoy the benefits and features of this product. Please keep this manual for future reference.

NOTE: A clear film is applied to the LCD at the factory that must be removed prior to using this product. Locate the clear tab and simply peel to remove.



Battery Choice & Temperature Range

Extended periods of cold temperatures (below -4°F / -20°C) can cause alkaline batteries to function improperly. This will cause the outdoor wireless sensor to stop transmitting temperature readings. Use lithium batteries in these low temperature conditions to ensure continued operation for wireless sensors placed outdoors. NOTE: Rechargeable batteries are not recommended due to higher operating voltages.

LITHIUM BATTERIES	**-40°F** (-40°C)	(70°C)	**158°F**
ALKALINE BATTERIES	**-4°F** (-20°C)	(70°C)	**158°F**

PLEASE DISPOSE OF OLD OR DEFECTIVE BATTERIES IN AN ENVIRONMENTALLY SAFE WAY AND IN ACCORDANCE WITH YOUR LOCAL LAWS AND REGULATIONS.

BATTERY SAFETY: Clean the battery contacts and also those of the device prior to battery installation. Remove battteries from equipment which is not to be used for an extended perid of time. Follow the polarity (+/-) diagram in the battery compartment. Promptly remove dead batteries from the device. Dispose of used batteries properly. Only batteries of the same or equivalent type as recommended are to be used. DO NOT incinerate used batteries. DO NOT dispose of batteries in fire, as batteries may explode or leak. DO NOT mix old and new batteries or types of batteries (alkaline/standard). DO NOT use rechargeable batteries. DO NOT recharge non-rechargeable batteries. DO NOT short-circuit the supply terminals.

WARNING: THIS PRODUCT CONTAINS A BUTTON-CELL BATTERY. IF SWALLOWED , IT COULD CAUSE SEVERE INJURY OR DEATH IN JUST 2 HOURS. SEEK MEDICAL ATTENTION IMMIDIATELY IF INGESTED.

POISON POISON

Installing Batteries - Wireless Sensor

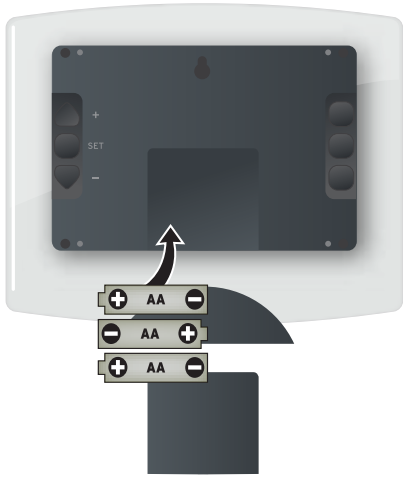
Remove the battery compartment cover. Install 2 fresh "AA" batteries as shown here. **BATTERIES MUST BE INSTALLED FOR THE SENSOR TO OPERATE**

Installing Batteries - Display Unit

Remove the battery compartment cover.

Install 3 fresh "AA" batteries into the battery compartment.

Replace the battery compartment cover.



A/B/C Wireless Selection

To allow for more than one weather station and wireless sensor network to be used in close proximity, the display unit and the wireless sensor have a small switch labeled "A B C" within the battery compartments. This switch selects one of 3 wireless modes to use, and both switchs MUST be set in matching positions (either A, B, or C) fore wireless communication to take place successfully.

About the Self-Setting Clock

Your new wireless weather station is equipped with Intelli-Time® technology which is pre-programmed with the correct time and date. Intelli-Time® technology instructs the clock to self set itself once batteries are installed. All you need to do is select your Time Zone and Daylight Saving Time preferences. The clock will automatically set itself and change automatically for Daylight Saving Time.

Display Unit : Basic Setup

Press and hold the "SET" button for 3 seconds to enter in to SET MODE. Once in set mode, the preference you are currently setting will blink on the display.

To **adjust** the currently selected (flashing) preference item, press the "▲" or "▼" buttons. (presa dn HOLD to fast adjust).

To **save** your adjustments, press the "SET" button again to move on to adjusting the next preference. The preference set order is as follows:

TME ZONE (PST MST CST EST AST HAST AKST)
DST (Daylight Saving Time ON or OFF)
CLOCK HOUR
CLOCK MINUTE
CALENDAR MONTH
CALENDAR DATE
CALENDAR YEAR
TEMPERATURE SCALE (°F or °C)
BAROMETRIC PRESSURE SCALE (inHg or hPa)

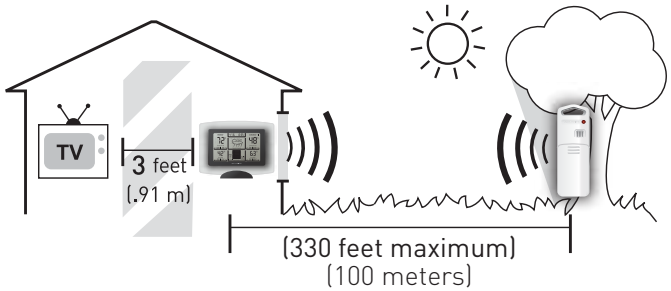
You will automatically exit SET MODE if no buttons are depressed for 30 seconds. You may enter basic setup mode again at any time by pressing the "SET" button.

Basic Setup is Now Complete

The wireless sensor will soon send a signal to the display unit and the two units will be synchronzied. It may take a few minutes for synchronization to be complete. If both or one of hte units appear to be functioning improperly, refer to the troubleshooting section in this manual.

Now that setup is complete, you must choose a location to place the wireless sensor and the display unit. The wireless sensor MUST be placed less than 330 feet (100 meters) away from the display unit.

This wireless thermometer uses radio frequency for communication, which is susceptible to interference from other electronic devices and large metallic items or thick walls. Always place both units at least 3 feet (.91 m) away from appliances (TV, microwave, radios, etc.) or objects that may interfere with the wireless communication (large metal surfaces, thick stone walls, etc.).



Placement of Display Unit

Place the display unit in a dry area free of dirt and dust. To help ensure an accurate indoor temperature and humidity measurement, be sure to place the display unit out of direct sunlight, and away from any heat sources or vents in your home. There are 2 placement options for the display unit. You may hang the main unit on a wall using the integrated hang hole. Alternatively, you may place the main unit on a table top or other flat surface using the the included detachable table top display stand.

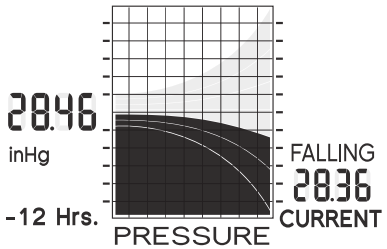
Placement of Sensor

The wireless sensor MUST BE PLACED OUTDOORS to observe outdoor temperatures and humidity. The wireless sensor must be placed less than 330 feet (1000 m) from the display unit. The wireless sensor is water **resistant** and is designed for general outdoor use. However, to extend the life of the product, place the wireless sensor in an area protected from direct weather elements. To ensure an accurate outdoor temperature measurement, be sure the wireless sensor is placed out of direct sunlight and away from any heat sources.

There are 2 placement options for the wireless sensor. You may hang it using one of the two integrated hang holes, or use string (not included) to hang it from a suitable location like a well covered tree branch.

Ⓐ Pressure : Current and History

This weather station has a pressure graph that tracks and displays the barometric pressure 12 hours ago as well as the current barometric pressure. Additionally, the graph will automatically display the "FALLING", "STEADY" OR "RISING" icon and a curve to represent the rate of change over the previous 12 hour time period.



Atmospheric Pressure

Atmospheric Pressure is defined as the pressure at any location on the Earth, caused by the weight of the column of air above it. At sea level, atmospheric pressure has an average value of one atmosphere and gradually decreases as altitude increases. Also called barometric pressure.

The weight of the atmosphere that envelopes Earth exerts pressure on all points of the planet's surface. Meteorologists use barometers to measure this atmospheric pressure (also called barometric pressure). At sea level the atmospheric pressure is approximately 1 kilogram per square centimeter (14.7 pounds per square inch), which will cause a column of mercury in a mercury barometer to rise 760 millimeters (30.4 inches). Variations in the atmospheric pressure greatly affect the weather. Low pressure generally brings rain. In areas of low air pressure, the air is less dense and relatively warm, which causes it to rise. The expanding and rising air naturally cools, and the water vapor in the air condenses, forming clouds and the drops that fall as rain. In high pressure areas, the air is dense and relatively cool, which causes it to sink. The water vapor in the sinking air doesn't condense, resulting in clear skies.

EXAMPLE OF WEATHER FORECAST DISPLAY ICONS	RAIN LIKELY	LIGHT RAIN LIKELY	PARTLY CLOUDY	CLEARING
	(flashing=stormy)			
RAIN/SNOW MIX LIKELY	**SNOW LIKELY**	**LIGHT SNOW LIKELY**	**CLOUDY**	**MOSTLY CLOUDY**
(flashing=stormy)				

Ⓑ Daily High & Low

The daily high and low records are displayed for the indoor and outdoor temperature and humidity. These records ar cleared automatically every day at midnight.

Ⓒ Wireless Signal Reception Icons

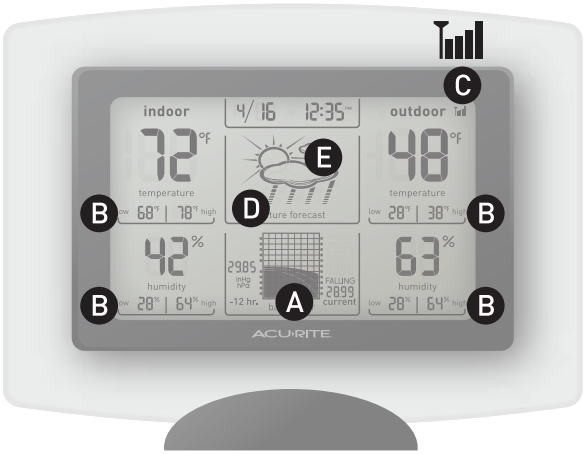
The display unit has a signal reception icon near the outdoor temperature display area. If there are a low number of "bars" present, you may experience no temperature display ("- -") or inacurracy. In either case, you may need to relocate one or both of the units. If most or all 4 of the bars are present, wireless reception is good and no action is required.

Ⓓ Forecast Icon

This feature gives you the predicted weather forecast for the next 12 to 24 hours based on an advanced algorithm that includes barometric pressure and temperature. This weather station will provide the most accurate forecast that a single station weather instrument can provide.

Ⓔ 14 Day Learning Mode

This weather station has a patented "fourteen day learning mode" calibration process. During this learning mode the weather station will make altitude calculations that may affect the accuracy of the forecast. Once the 14 day learning mode process is complete, the learning mode icon will disappear and the weather forecast should be ready for superior operation.



Problem	Possible Solution
Bad Wireless Sensor Reception no bars	Relocate the main unit and/or the wireless sensor. Both units must be within 330 feet (100m) from each other. Make sure both units are placed at least 3 feet (.91 m) from other electronic appliances and devices that may interfere with the wireless communication (such as TV's, microwaves, computers etc). NOTE: It may take up to 20 minutes for the main unit to re-synchronize with the sensor when batteries are replaced. Use lithium batteries in sensor when temperature is below -4°F (-20°C).
No Wireless Sensor Data (no communication) no bars and flashing " – " data	If wireless reception is bad (no bars), see "Bad Reception" section above. The wireless ID setting on each unit must match for all units to communicate properly. See "Set Wireless ID" on the next page.
Display Console Screen Not Working	Make certain that the batteries are installed correctly. Batteries may need replacing

Please DO NOT return product to the retail store.
For technical assistance and product return information, please call
Customer Care: **877-221-1252** Mon. - Fri. 8:00 A.M. to 4:30 P.M. (CST)

www.chaneyinstrument.com

PRODUCT REGISTRATION

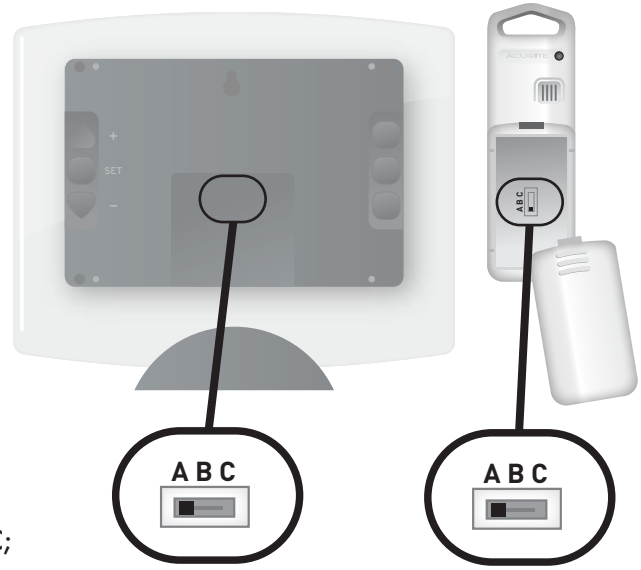
To receive product updates and information,
Log on to
www.chaneyinstrument.com

Set Wireless ID

This wireless thermometer uses long range 433mhz radio frequency for communication.

In the event that you have reception problems due to interference, both the display unit and the wireless sensor have a selectable wireless ID. The ID switches are located within the battery compartments of the display unit and the wireless sensor.

You may choose A, B or C; but both the display unit and the **wireless sensor ID's must match** for successful synchronization.



Both wireless ID's must match

SPECIFICATIONS

Product Facts

Batteries: 5 x "AA" (not included)

Lithium Batteries Recommended in **Outdoor Sensor** if temperatures are below -4°F

Measurement Ranges

Outdoor Temperature:	**-40°F to 158°F** -40°C to 70°C
Outdoor Humidity:	**20% to 95%**
Indoor Temperature:	**32°F to 122°F** 0°C to 50°C
Indoor Humidity:	**20% to 95%**

Wireless Range: **330 ft /** 100 m **MAX**

Depending on home construction materials

MADE IN CHINA
HECHO EN CHINA

Limited One Year Warranty
Instructions & Warranty Enclosed

Customer Care:
877-221-1252

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Patent numbers: 5,978,738; 6,076,044; 6,597,990; US 7,637,141 B2
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